










# Met Brief, 20110329

- Good chance of showers locally, some possible thunder, tonight into the early morning hours.
- Some chance of showers (20%) tomorrow during the flight.
- Ample cirrus on the anticyclonic side of a strong jet (80-90 knots) southeast of Ellington for tomorrow afternoon. Some middle cloud associated with frontal boundary.
- Friday looks largely cirrus-free at this time as the eastward progress of a strong ridge to the west of us moves the upper level moist air eastward. A blob of dry air is advected around the ridge leaving us dry. Moisture forecasts are tricky – expect mods to this forecast.

## Forecast at a Glance

Today	Tonight	Wednesday	Wednesday Night	Thursday	Thursday Night	Friday	Friday Night	Saturday
								
20% Slight Chc Tstms	50% Chance Tstms	30% Chance Showers	20% Slight Chc Showers	Mostly Sunny	Partly Cloudy	Sunny	Mostly Clear	Mostly Sunny
Hi 75 °F	Lo 60 °F	Hi 68 °F	Lo 54 °F	Hi 72 °F	Lo 58 °F	Hi 77 °F	Lo 60 °F	Hi 79 °F

## Detailed 7-day Forecast

Hazardous weather condition(s):

### [Hazardous Weather Outlook](#)

**Today:** A 20 percent chance of showers and thunderstorms after 1pm. Mostly cloudy, with a high near 75. East wind around 10 mph.

**Tonight:** A 50 percent chance of showers and thunderstorms. Cloudy, with a low around 60. East wind 5 to 10 mph becoming north.

**Wednesday:** A chance of showers. Cloudy, with a high near 68. North wind between 10 and 15 mph. Chance of precipitation is 30%.

**Wednesday Night:** A 20 percent chance of showers before 1am. Mostly cloudy, with a low around 54. North wind between 5 and 10 mph.

**Thursday:** Mostly sunny, with a high near 72. North wind around 5 mph becoming calm.

**Thursday Night:** Partly cloudy, with a low around 58.

**Friday:** Sunny, with a high near 77.

**Friday Night:** Mostly clear, with a low around 60.

**Saturday:** Mostly sunny, with a high near 79.

**Saturday Night:** A 20 percent chance of showers. Partly cloudy, with a low around 66.

**Sunday:** A 20 percent chance of showers and thunderstorms. Mostly sunny and breezy, with a high near 80.

**Sunday Night:** A 20 percent chance of showers and thunderstorms. Mostly cloudy and breezy, with a low around 66.

**Monday:** A 30 percent chance of showers and thunderstorms. Cloudy and breezy, with a high near 79.

## Current Conditions

[\[Move Down\]](#)

[view Yesterday's Weather](#)

### Houston / Ellington

Lat: 29.62 Lon: -95.17 Elev: 39

Last Update on Mar 29, 8:50 am CDT

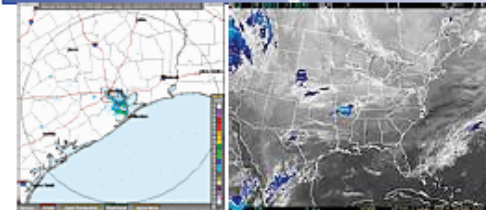
**Fog/Mist**

**70 °F**  
**(21 °C)**

Humidity: 88 %  
Wind Speed: E 8 MPH  
Barometer: 29.92"  
Dewpoint: 66 °F (19 °C)  
Visibility: 5.00 mi.

[More Local Wx:](#) [3 Day History:](#)

## Radar and Satellite Images

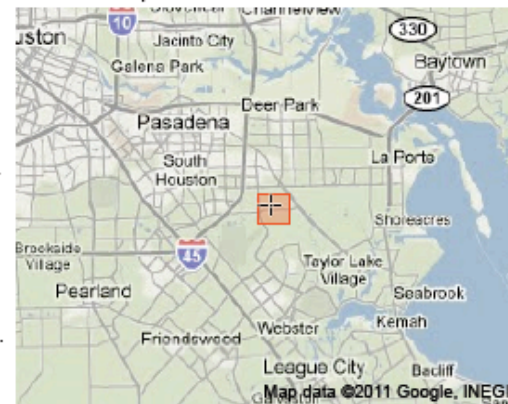


## Detailed Point Forecast

[\[Move Up\]](#)

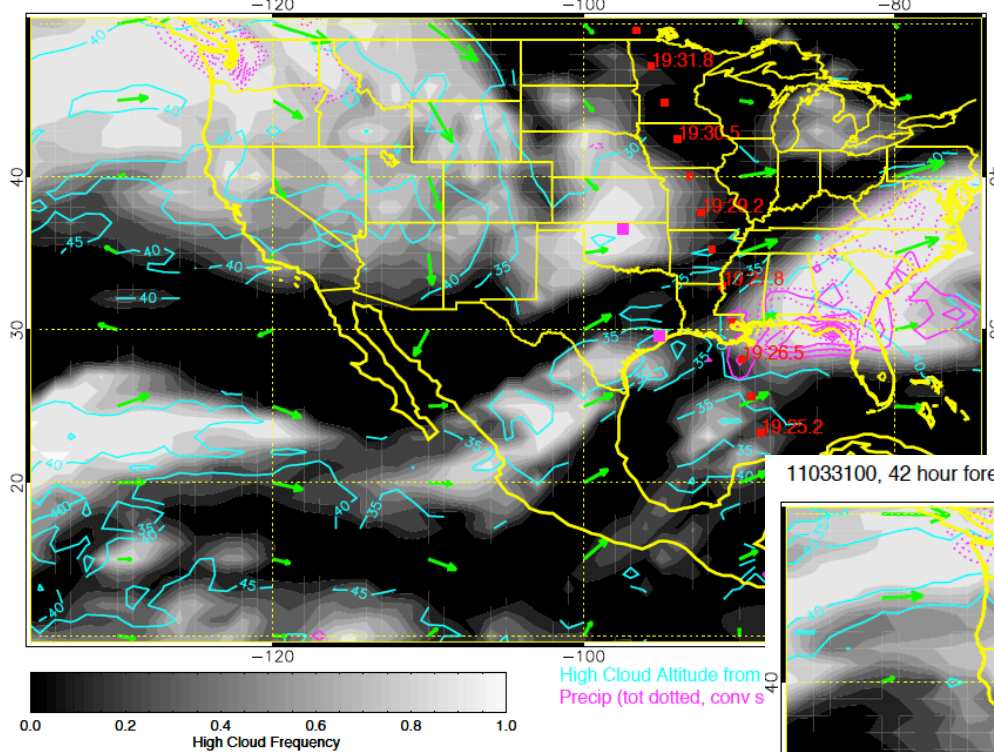
[Click Map for Forecast](#)

[Disclaimer](#)



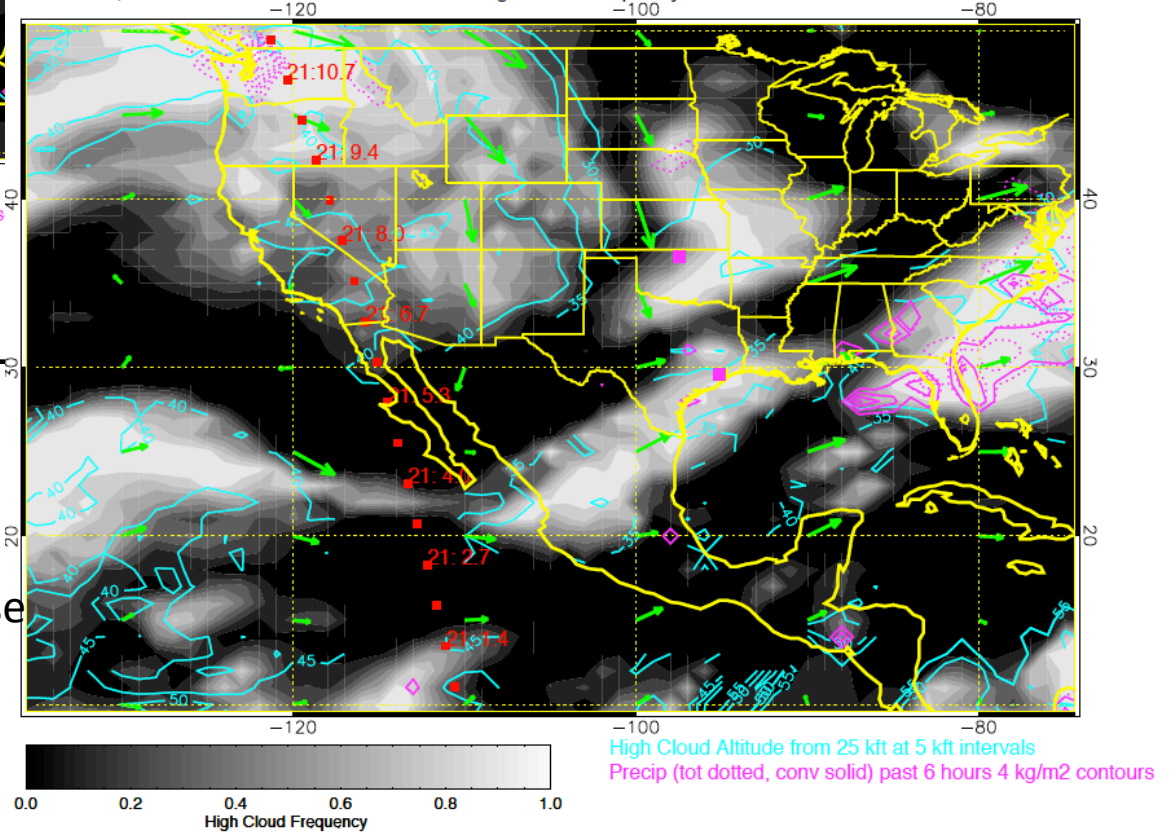
Requested Location Forecast Area  
Lat/Lon: 29.63°N 95.13°W Elevation: 23 ft

11033018, 36 hour forecast for 250mb winds and High Cloud Frequency



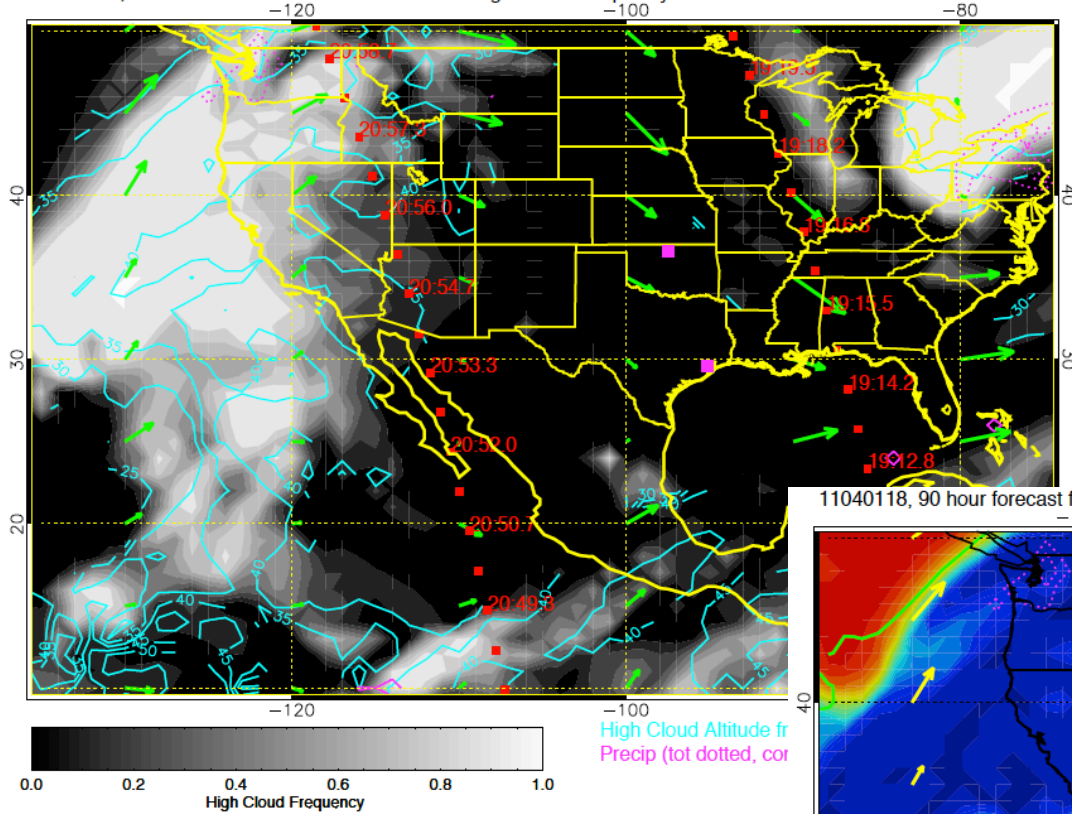
Wednesday, 3/30,2011

11033100, 42 hour forecast for 250mb winds and High Cloud Frequency



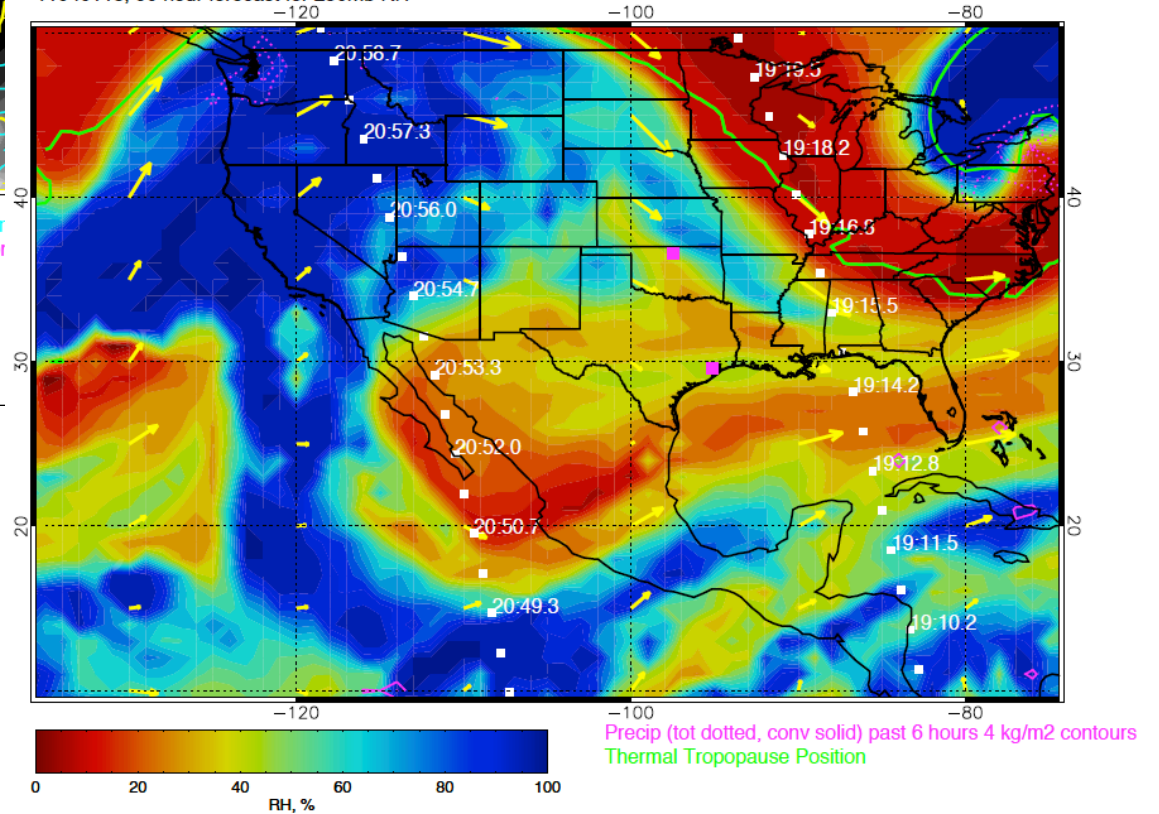
Cirrus associated with subtropical jet south and east of Ellington. Tops in the 35Kft range. Tropopause over Ellington will be about 38kft, though there is a strong gradient. Some embedded showers may yield convective cirrus (most is from synoptic scale lifting)

11040118, 90 hour forecast for 250mb winds and High Cloud Frequency



Friday, April 1, 2011

11040118, 90 hour forecast for 250mb RH



Looks cirrus free, no kidding.  
Dry blob of air covers region, mostly  
Due to advection, but some descent  
on eastern side of ridge. Changes  
in forecast could give us something  
near ARM site (where RH is highest  
on this plot).